

FIG. 10 is a block diagram of a system 10.

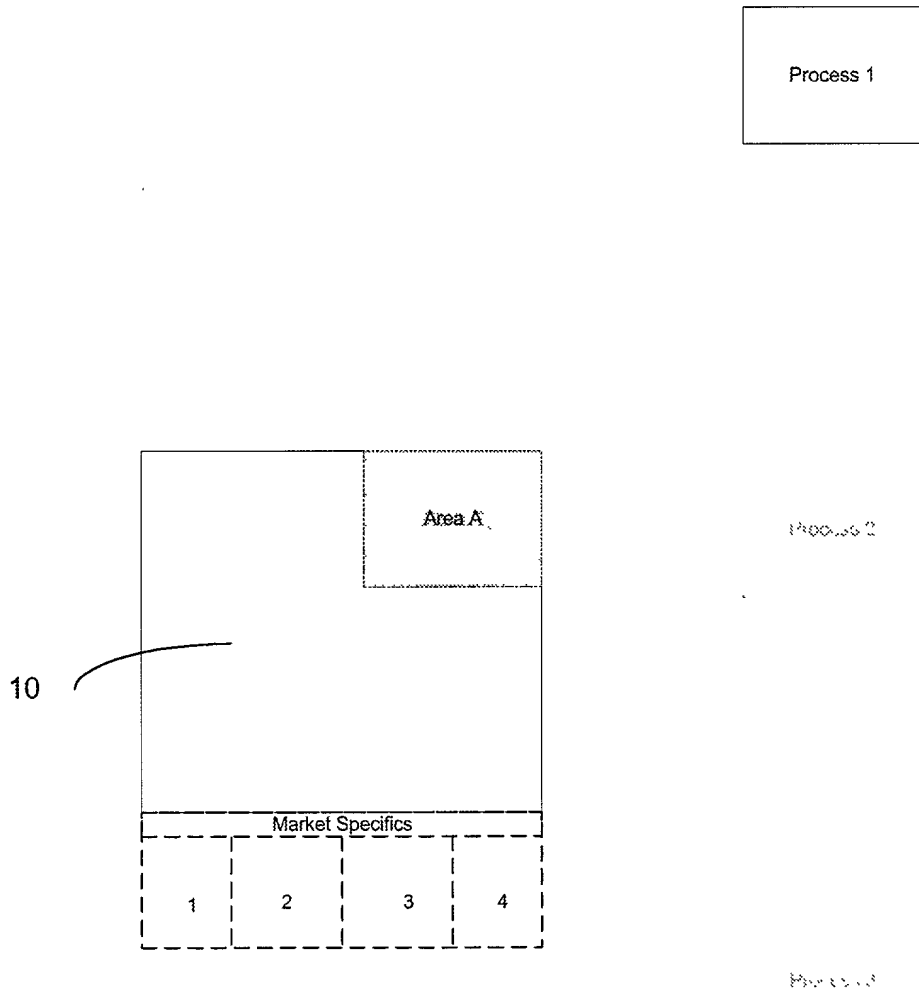


Figure 1

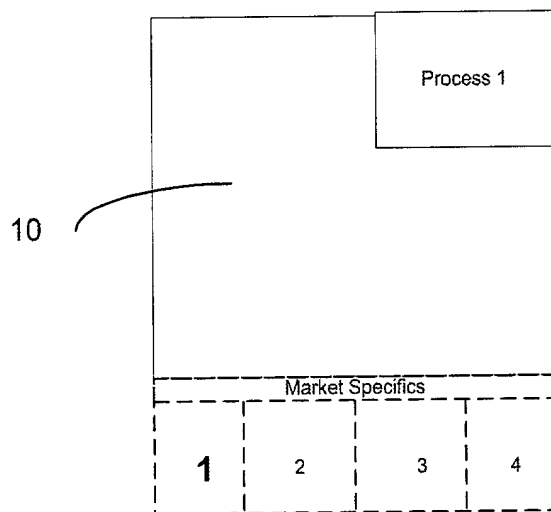


Figure 2

100640" SEC 1.64360

Administration Tool											
File View Server Look'n'Feel Help											
Order Tracker Algorithm Configuration Server Monitor											
New Expand all Collapse ... Details Fire event Suspend Resume Cancel											
all											
Id	Created	Tag	Algorithm/Type	Side	Instrum	Price	Quantity	Executed	To execute	% Com...	Susp
cipher-46f											
360	08 57 56		TVWVAP	Buy	AXP		200000 0	63351 0	136649 0	31.68	<input type="checkbox"/>
10690	10 51 56	MarketMaking-66	Limit	Buy	AXP	50.3125	2823 0	523 0	2300 0	18.53	<input type="checkbox"/>
420	09 07 30		TVWVAP	Buy	BUD		88470 0	21838 0	66632 0	24.88	<input type="checkbox"/>
10640	10 51 40	MarketMaking-48	Limit	Buy	BUD	76.875	1187 0	0 0	1187 0	0.0	<input type="checkbox"/>
440	09 08 38		TVWVAP	Buy	MO		247240.0	68292 0	178948.0	27.62	<input type="checkbox"/>
10460	10 49 12	MarketMaking-40	Limit	Buy	MO	28.1875	2899 0	0 0	2899 0	0.0	<input type="checkbox"/>
460	09 09 30		TVWVAP	Buy	UNH		45340 0	10777 0	34563 0	23.77	<input type="checkbox"/>
10860	10 51 50	MarketMaking-57	Limit	Buy	UNH	77.125	360 0	160 0	200 0	44.44	<input type="checkbox"/>
490											
700	09 19 09		TVWVAP	Sell	C		230130.0	72781 0	157349.0	31.63	<input type="checkbox"/>
10520	10 50 00	MarketMaking-68	Limit	Sell	C	60.5	3281.0	0 0	3281 0	0.0	<input type="checkbox"/>
720	09 19 55		TVWVAP	Sell	C		230100 0	74454 0	155646 0	32.36	<input type="checkbox"/>
10530	10 50 00	MarketMaking-69	Limit	Sell	C	60.5	3281.0	0 0	3281.0	0.0	<input type="checkbox"/>
850	09 22 18		TVWVAP	Buy	XOM		13600 0	3715 0	9885 0	27.32	<input type="checkbox"/>
950	09 23 54		TVWVAP	Buy	NOK		188200 0	62228 0	125972.0	33.06	<input type="checkbox"/>
920	09 23 58		TVWVAP	Buy	HON		180100 0	48113 0	131987 0	26.71	<input type="checkbox"/>
10690	10 51 58	MarketMaking-56	Limit	Buy	HON	53.375	1050 0	0 0	1050.0	0.0	<input type="checkbox"/>
10710	10 52 29	MarketMaking-57	Limit	Buy	HON	53.4375	690 0	0 0	690 0	0.0	<input type="checkbox"/>

Figure 3

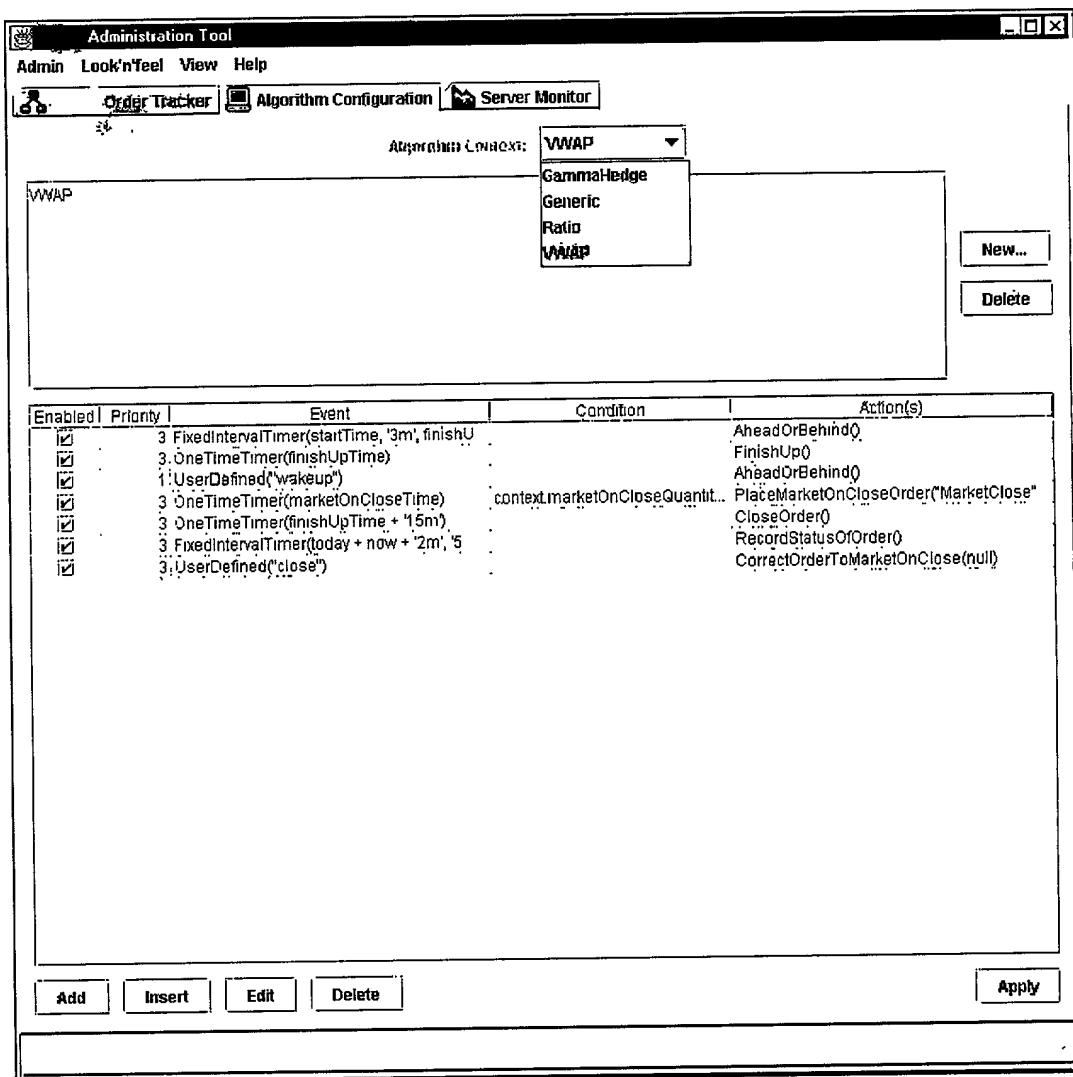


Figure 4

13:00:00 "REP6456"

Buy 150,000 PEP (VWAP Order cipher-64556671) Details

Current state

Property	Expression
currentAPS	35.8833
targetQuantityMax	33848.0
targetQuantityMin	25152.0
currentMarketVWAP	35.8833
targetQuantity	29500.0
targetExtantQuantity	32400.0

Past activity

Time	Id	Algorithm/Type	Su...	Event	Action
12:56:14	cipher-6455	VWAP	<input type="checkbox"/>	RepetitiveTimer(0)	AheadOrBehind
12:58:14	cipher-6455	VWAP	<input type="checkbox"/>	RepetitiveTimer(0)	RecordStatusOfOrder
12:59:16	cipher-6455	VWAP	<input type="checkbox"/>	RepetitiveTimer(1)	AheadOrBehind
13:02:18	cipher-6455	VWAP	<input type="checkbox"/>	RepetitiveTimer(2)	AheadOrBehind
13:03:16	cipher-6455	VWAP	<input type="checkbox"/>	RepetitiveTimer(1)	RecordStatusOfOrder
13:05:21	cipher-6455	VWAP	<input type="checkbox"/>	RepetitiveTimer(3)	AheadOrBehind
13:08:18	cipher-6455	VWAP	<input type="checkbox"/>	RepetitiveTimer(2)	RecordStatusOfOrder
13:08:23	cipher-6455	VWAP	<input type="checkbox"/>	RepetitiveTimer(4)	AheadOrBehind

Future activity

Time	Id	Algorithm/Type	Su...	Event	Action
13:47:52	cipher-6455...	VWAP	<input type="checkbox"/>	RepetitiveTimer(17 (18/60))	AheadOrBehind
13:48:34	cipher-6455	VWAP	<input type="checkbox"/>	RepetitiveTimer(10 (11/39))	RecordStatusOfOrder
13:50:54	cipher-6455	VWAP	<input type="checkbox"/>	RepetitiveTimer(18 (19/60))	AheadOrBehind
13:53:36	cipher-6455	VWAP	<input type="checkbox"/>	RepetitiveTimer(11 (12/39))	RecordStatusOfOrder
13:53:56	cipher-6455	VWAP	<input type="checkbox"/>	RepetitiveTimer(19 (20/60))	AheadOrBehind
13:56:59	cipher-6455...	VWAP	<input type="checkbox"/>	RepetitiveTimer(20 (21/60))	AheadOrBehind
13:58:38	cipher-6455...	VWAP	<input type="checkbox"/>	RepetitiveTimer(12 (13/39))	RecordStatusOfOrder
14:00:01	cipher-6455	VWAP	<input type="checkbox"/>	RepetitiveTimer(21 (22/60))	AheadOrBehind

Refresh

Ok

Figure 5

FIG. 6

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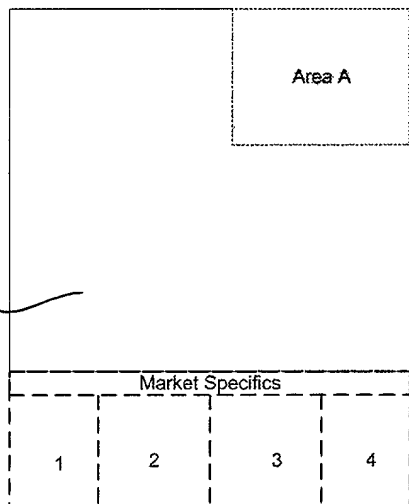


Figure 6

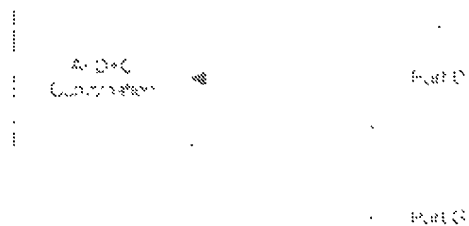
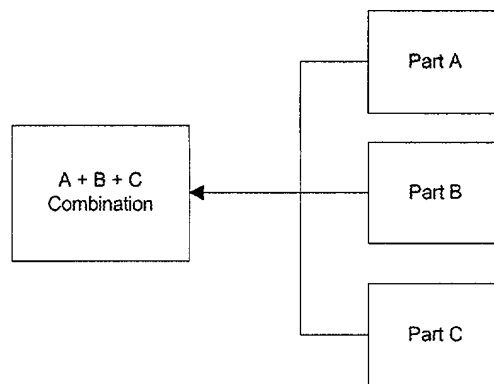


FIG. 7

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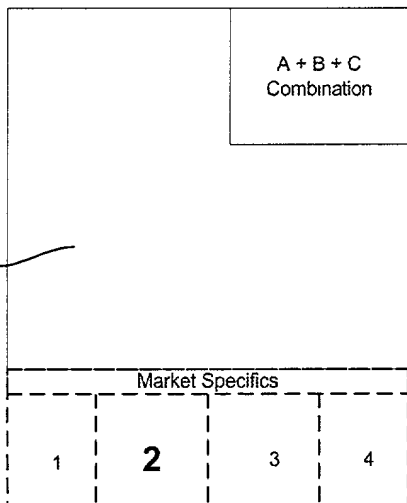


Figure 7

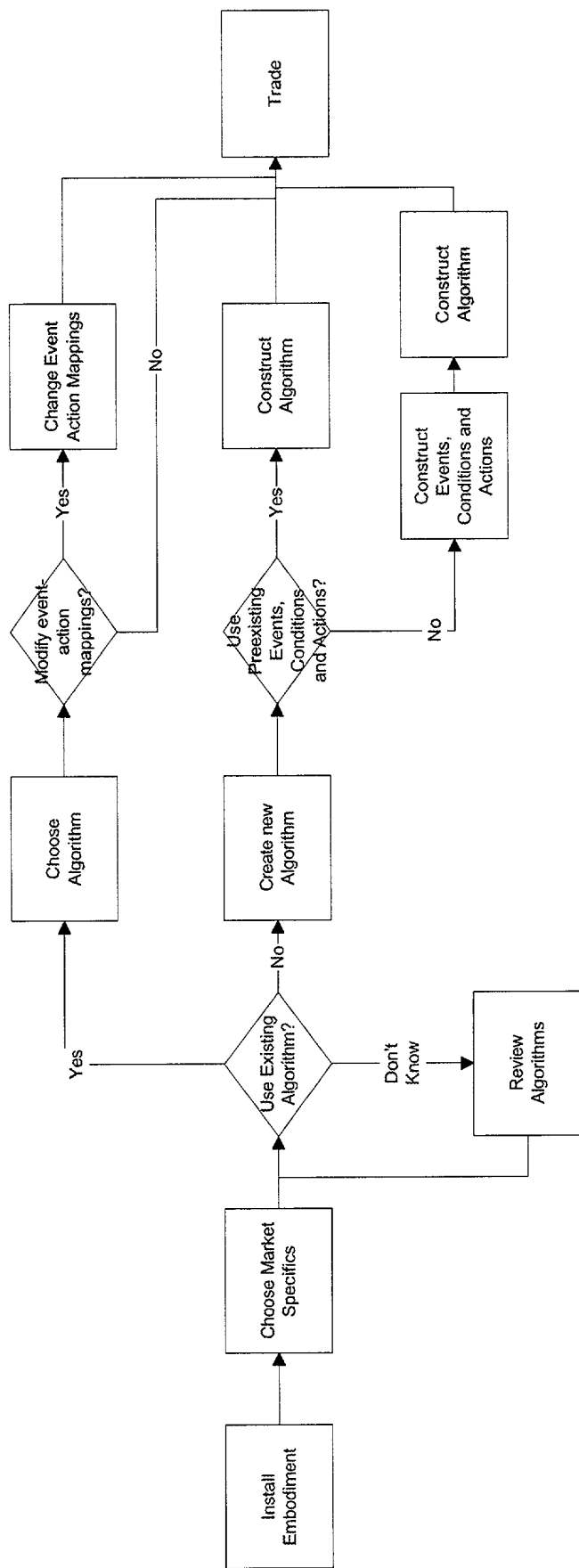


Figure 8



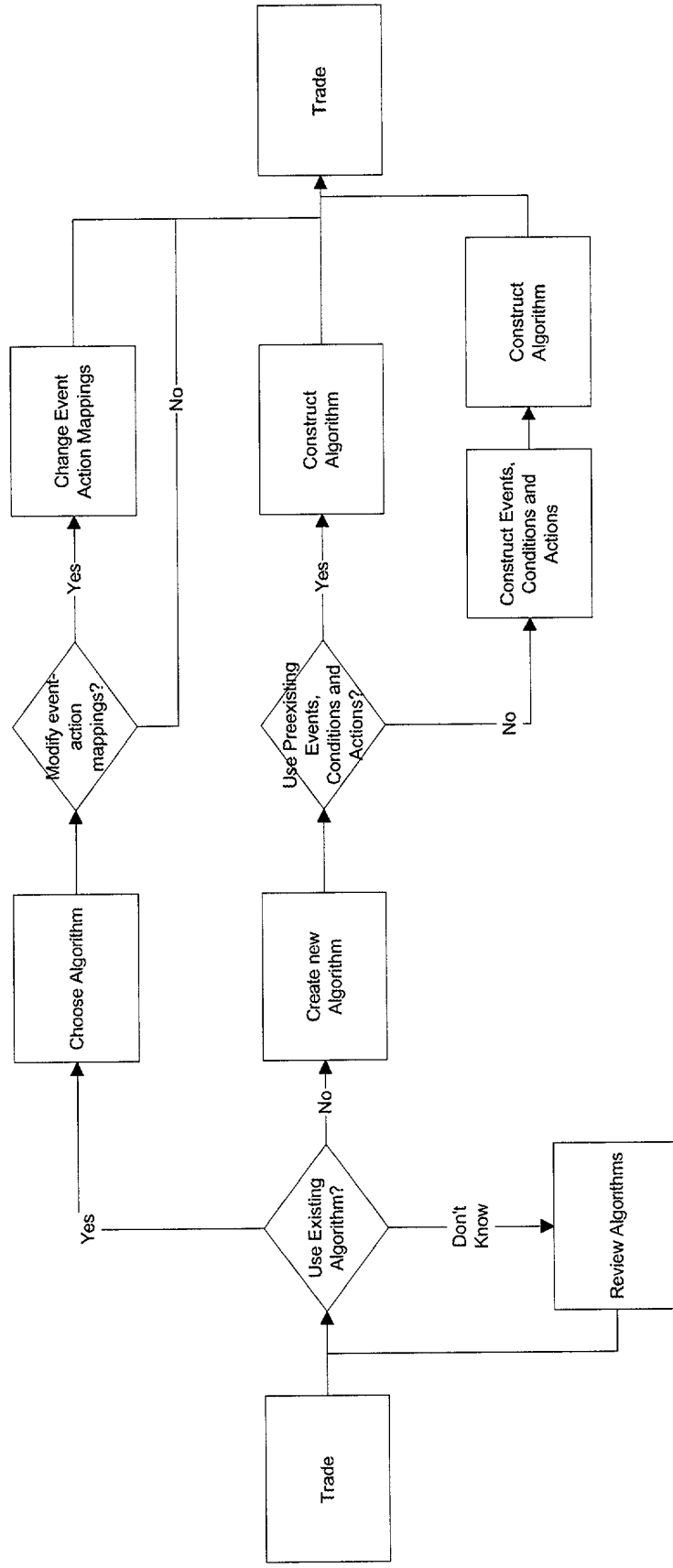


Figure 9

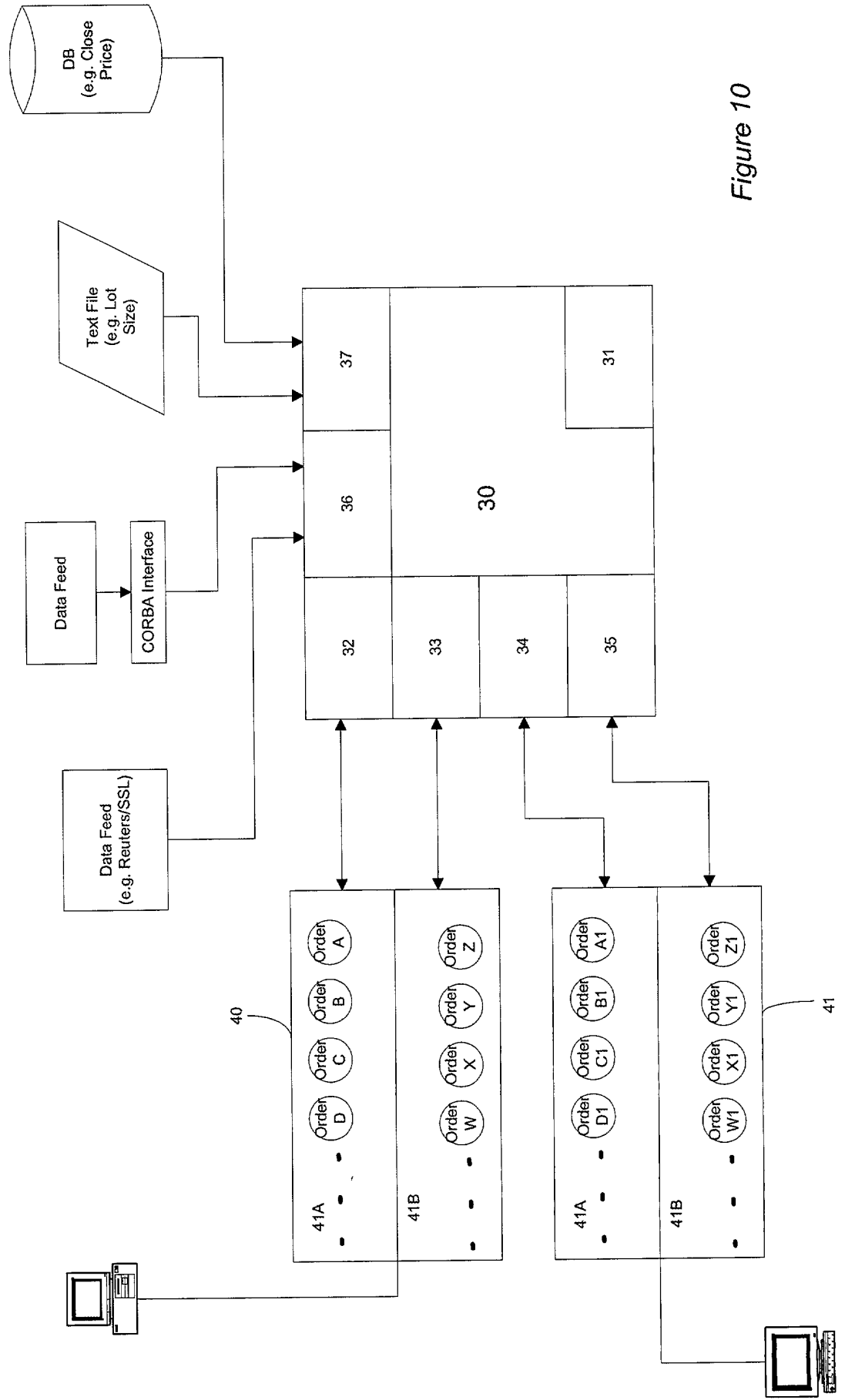


Figure 10